hydrobiologia volume 259 (1993), contents

no. 1

A. McLachlan: Can two species of midge coexist in a single puddle of rain-water? 1

N. M. Korovchinsky: Description of the male, analysis of morphological variability and geographical distribution of *Diaphanosoma senegal* Gauthier, 1951 (*Crustacea: Daphniiformes: Sididae*) 9

N. J. Olyslager & D. D. Williams: Function of the type II microtrich sensilla on the lotic amphipod, *Gammarus pseudolimnaeus* Bousfield 17

B. E. Modenutti: Summer population of *Hexarthra bulgarica* in a high elevation lake of south Andes 33

T. R. Angradi: Chlorophyll content of seston in a regulated Rocky Mountain river, Idaho, USA 39

A. G. Heath, B. J. Turner & W. P. Davis: Temperature preferences and tolerances of three fish species inhabiting hyperthermal ponds on mangrove islands 47

M. Eymann: Some boundary layer characteristics of microhabitats occupied by larval black flies (Diptera: Simuliidae) 57

no. 2

M. Arnér & S. Koivisto: Effects of salinity on metabolism and life history characteristics of *Daphnia magna* 69

U. Borgmann, W. P. Norwood & C. Clarke: Accumulation, regulation and toxicity of copper, zinc, lead and mercury in *Hyalella azteca* 79

C. H. Fernando: Rice field ecology and fish culture – an overview 91

P. K. Singhal, L. Varghese & L. Talegaonkar: Abiotic and microbial decomposition of pre- and post-bloom leaves of water hyacinth (*Eichhornia crassipes* (mart.) Solms) 115

B. Pejler & B. Bērziņš: On relation to substrate in sessile rotifers 121

B. Pejler & B. Bērziņš: On the ecology of *Cephalodella* 125

B. Pejler & B. Bērziņš: On the ecology of Dicranophoridae (Rotifera) 129

no. 3

H. M. Valett: Surface-hyporheic interactions in a Sonoran Desert stream: hydrologic exchange and diel periodicity 133

C. E. F. da Rocha & C. C. Hakenkamp: New species of *Halicyclops* (Copepoda Cyclopidae) from the United States of America 145

T. Oberdorff, E. Guilbert & J.-C. Lucchetta: Patterns of fish species richness in the Seine River basin, France 157

O. Scholz & P. I. Boon: Biofilms on submerged River Red Gum (*Eucalyptus camaldulensis* Dehnh. Myrtaceae) wood in billabongs: an analysis of bacterial assemblages using phospholipid profiles 169

W. A. Hubert, D. D. Harris & H. A. Rhodes: Variation in the summer diet of age-0 brown trout in a regulated mountain stream 179

H.-L. Suh: *Anthessius kimjensis*, a new species of Anthessiidae (Copepoda; Poecilostomatoida) associated with the pelecypod *Solen grandis* Dunker in Korea 187

E. M. Abdellatif, O. M. Ali, I. F. Khalil & B. M. Nyonje: Effects of sewage disposal into the White Nile on the plankton community 195

O. M. Kozhova & L. A. Izhboldina: Spread of *Elodea canadensis* in Lake Baikal 203

Book reviews 213

Author index (volume 259) 217